

## Criteria for Success

### 7<sup>th</sup> Grade- Pamphlet

#### Scientific Content

- Ecosystem conditions of Yosemite National Park
  - Identifies the phenomena being addressed
  - Explains the current and previous state of the park from your compiled research
- Genetic and environmental factors of the bark beetle
  - Addresses why some beetles may grow larger than others
- Genetic and environmental factors of conifer trees
  - Addresses availability of water and its impact on the ecosystem
  - Addresses why some trees are dying and others aren't
- Interactions between organisms
  - Identifies recent changes in tree and beetle populations
  - Identifies the effect of beetle behavior on tree growth and survival
- Human behavior's impact on the ecosystem
  - Suggests ways that park visitors can reduce their impact on the conifer tree population

#### Formatting

- Each scientific content area should:
  - Be addressed in a separate portion of the pamphlet
  - Include an image/picture/diagram to illustrate the text
  - Include citations for any image/picture/diagram when not an original thought
  - Include a paraphrased written explanation for the occurrence, based on compiled resources
- Include a works cited section:
  - On the back of the pamphlet
  - Cite all compiled resources
  - Advanced pamphlets will cite sources using APA format
    - for help on APA formatting- <https://owl.english.purdue.edu/owl/resource/560/05/>